

STEPHENS et al.
Application No.: 09/438,185
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25. (New) The composition of claim 24, wherein the carrier is an aqueous carrier.

26. (New) The composition of claim 24, further comprising an adjuvant.

Sub G1
27. (New) The isolated *Chlamydia pneumoniae* protein of claim 23, which is bound to a solid surface.

28. (New) The isolated *Chlamydia pneumoniae* protein of claim 27, wherein the solid surface is nitrocellulose.

Front
29. (New) An isolated *Chlamydia pneumoniae* protein comprising an amino acid sequence

(i) having tryptophan hydroxylase activity, and

(ii) at least about 80% identical to the sequence set forth in SEQ ID NO:

1047; or

(iii) encoded by a nucleic acid that hybridizes to a sequence consisting of residues 1200675 to 1199590 of SEQ ID NO: 1, under hybridization conditions that include a wash at 65°C in 0.2x SSC and 0.1% SDS.

30. (New) A composition comprising the isolated protein of claim 29, and a carrier.

31. (New) The composition of claim 30, wherein the carrier is an aqueous carrier.

32. (New) The composition of claim 30, further comprising an adjuvant.

33. (New) The isolated *Chlamydia pneumoniae* protein of claim 29, which is bound to a solid surface.